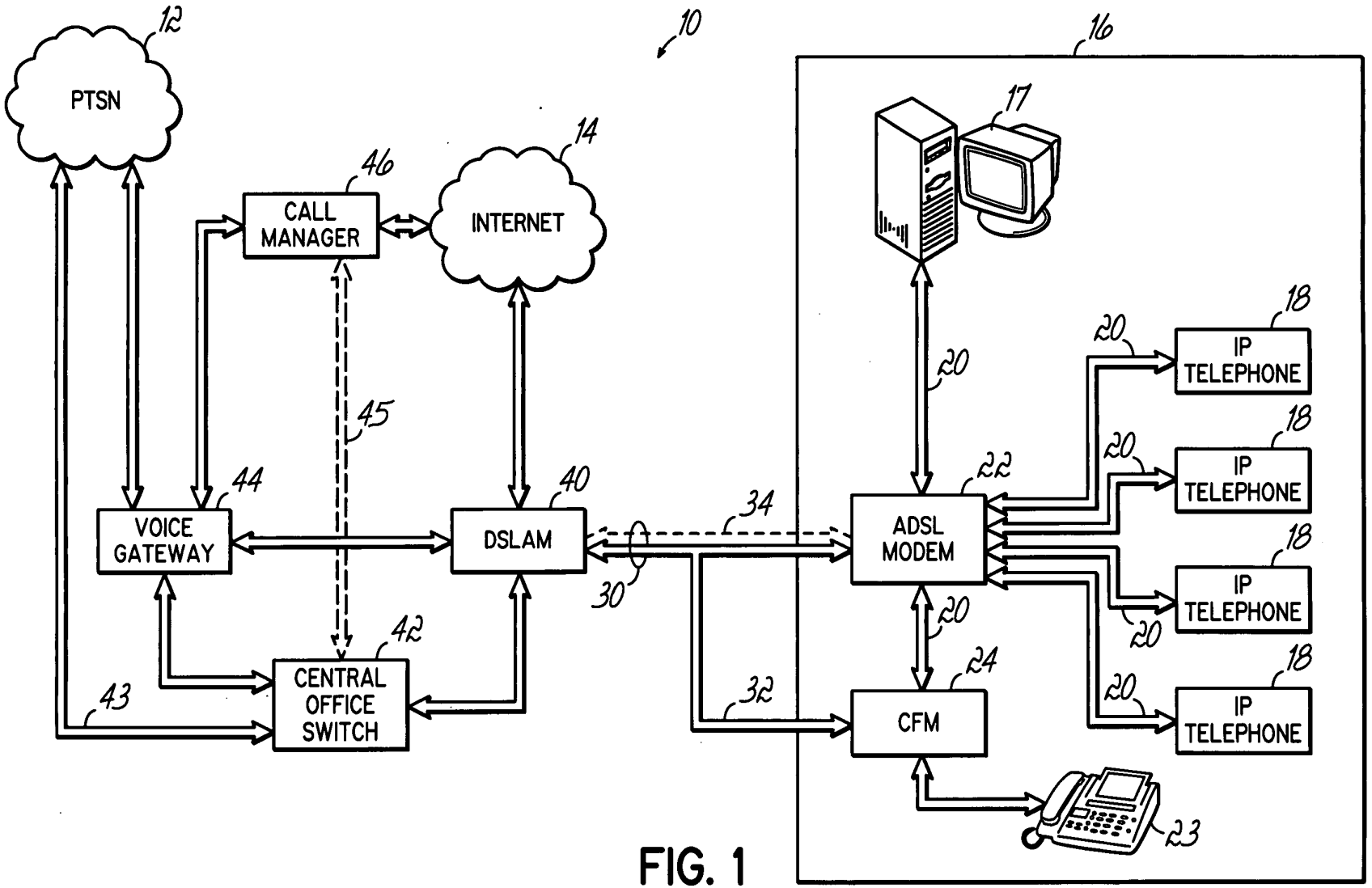

PTSN
12
10
16
17
14
46
CALL MANAGER
INTERNET
45
18
20
IP TELEPHONE
44
40
22
34
VOICE GATEWAY
DSLAM
ADSL MODEM
30
42
CENTRAL OFFICE SWITCH
43
32
24
CFM
23

FIG. 1

FIG. 2A

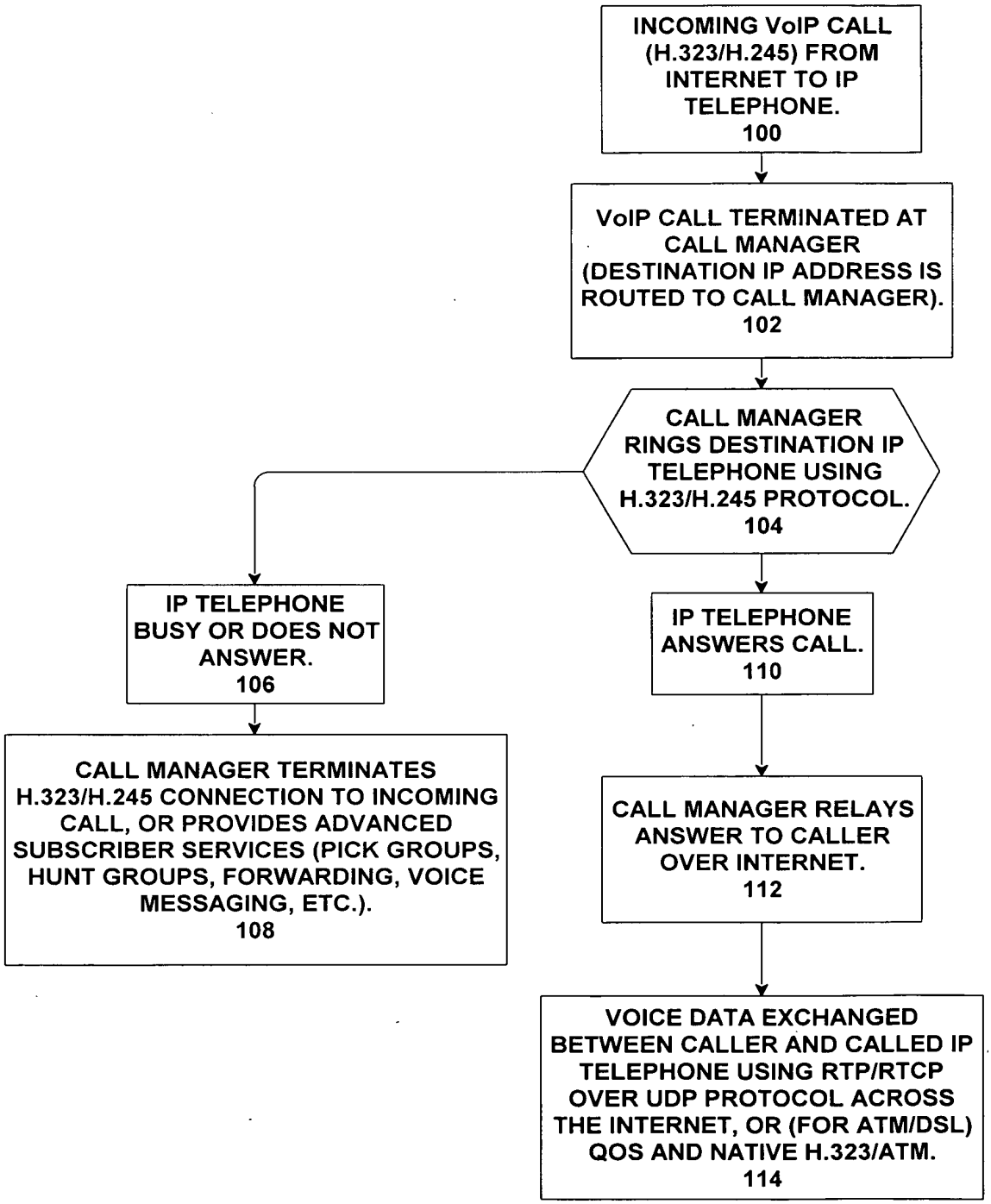

INCOMING VoIP CALL (H.323/H.245) FROM INTERNET TO IP TELEPHONE. 100
VoIP CALL TERMINATED AT CALL MANAGER (DESTINATION IP ADDRESS IS ROUTED TO CALL MANAGER). 102
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IP TELEPHONE ANSWERS CALL. 110
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VOICE DATA EXCHANGED BETWEEN CALLER AND CALLED IP TELEPHONE USING RTP/RTCP OVER UDP PROTOCOL ACROSS THE INTERNET, OR (FOR ATM/DSL) QOS AND NATIVE H.323/ATM. 114

FIG. 2B

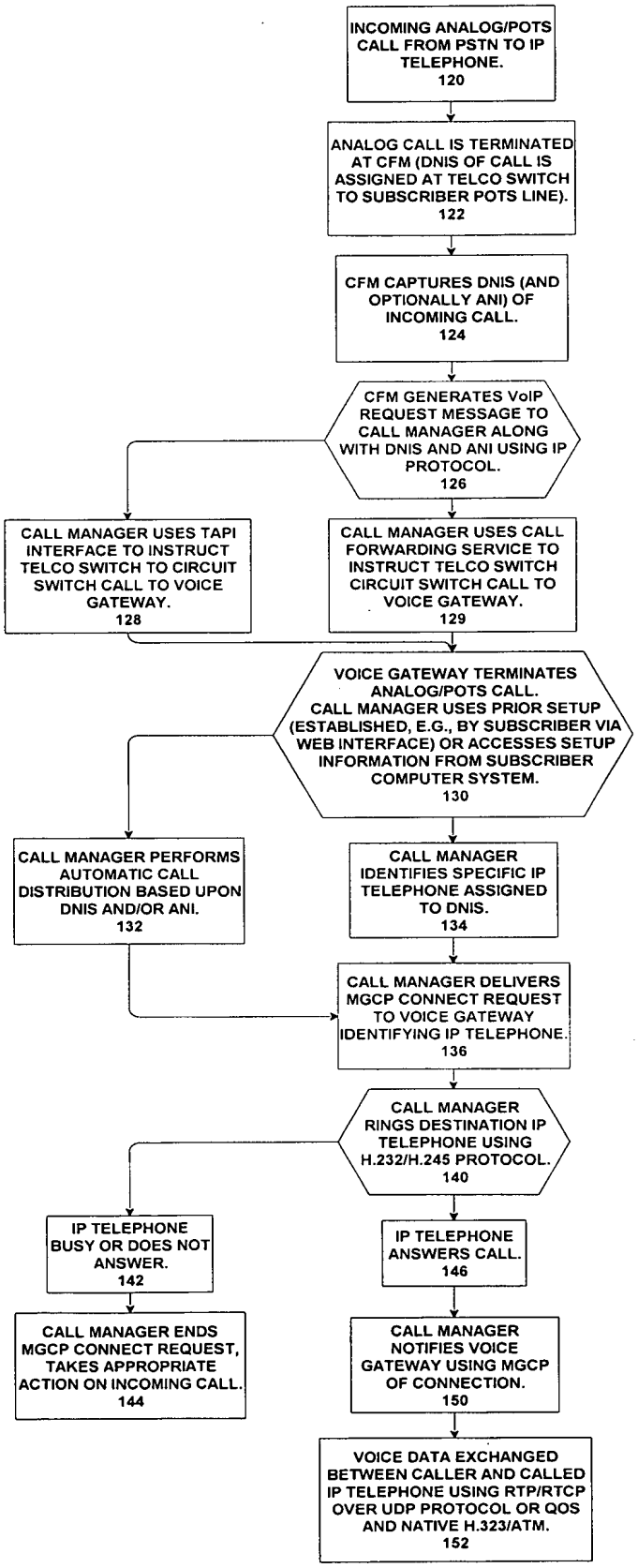
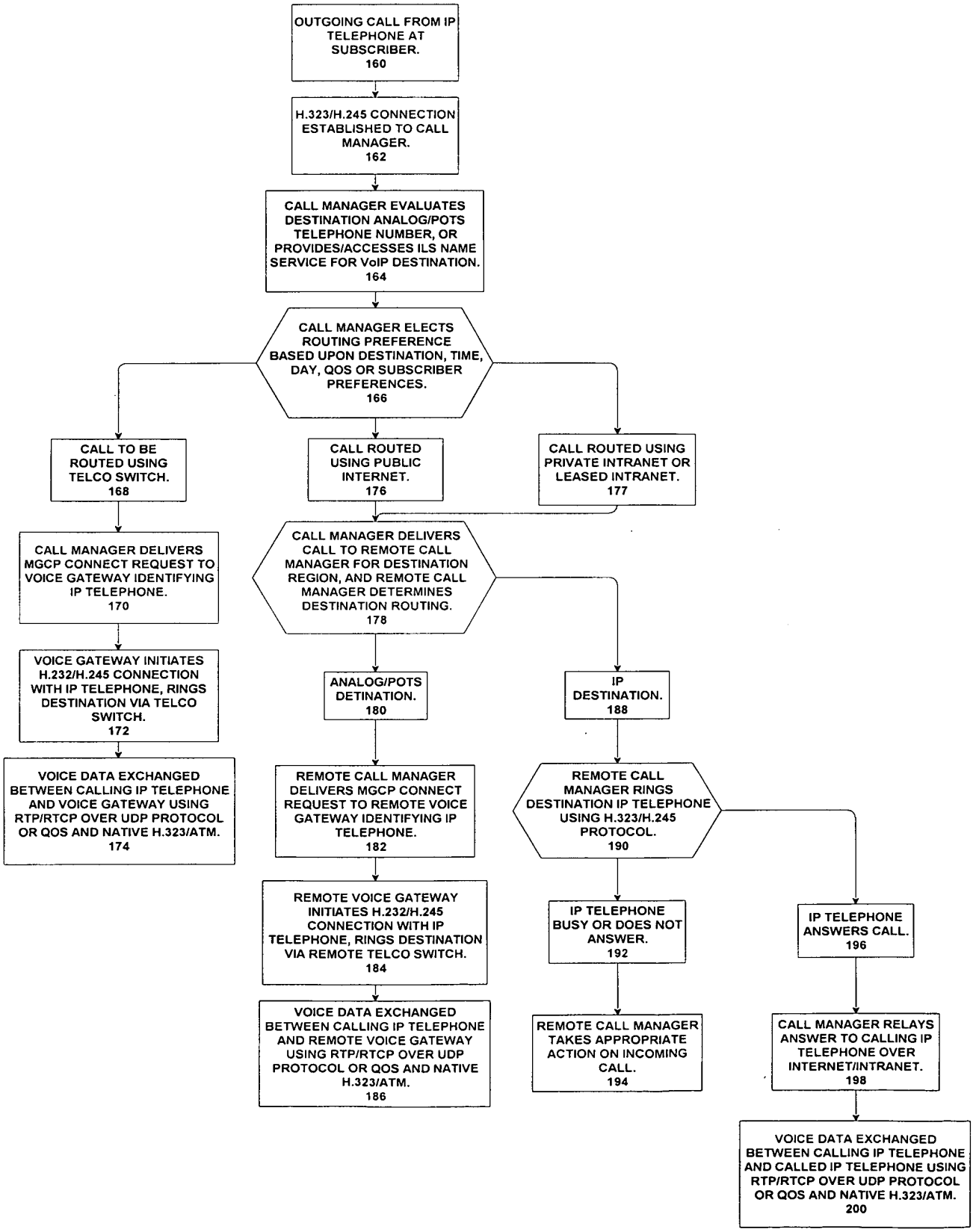

INCOMING ANALOG/POTS CALL FROM PSTN TO IP TELEPHONE. 120
ANALOG CALL IS TERMINATED AT CFM (DNIS OF CALL IS ASSIGNED AT TELCO SWITCH TO SUBSCRIBER POTS LINE). 122
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FIG. 2C


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